



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Wei-Cheng Wang
Appl. No : 10/790,449
Filed : 02/19/2004
Title : Method for Moderation of Back Pain
Grp./A.U. : 3762
Examiner : Flory, Christopher A.

Honorable Commissioner for Patents
Washington, D.C. 20231

Sir,

In response to the final office action mailed from the Patent Office on November 27, 2006, and as part of our Request for Continued Examination, please amend the above-identified application as follows:

IN THE CLAIMS:

1. (currently amended) A method for moderating lower and upper back pain in a patient comprising non-invasively and concurrently stimulating the group of stimulation points surrounding K1 and FHA acupuncture points, wherein the non-invasively stimulating comprises at least a set of non-invasive electrical stimulation pulses and a set of permanent magnets.

3.(currently amended) A method of moderating lower and upper back pain in a patient; said method comprising:

mounting a non-invasive stimulation device onto the group of stimulation points surrounding K1 and FHA acupuncture points; and
stimulating the group of stimulation points surrounding K1 and FHA acupuncture points., wherein the stimulating comprises at least a pair of electrical stimulation pulses and a set of permanent magnets.

5. (currently amended) A method of moderating lower and upper back pain in a patient comprising the steps of:

mounting at least two electrodes and at least two permanent magnets with each electrode and each magnet onto each group of stimulation points surrounding K1 and FHA acupuncture points;
generating a stimulation signal; and
delivering the stimulation signal to the each at least one pair of electrode to electrically and magnetically stimulate the group of stimulation points surrounding K1 and FHA acupuncture points.

6. (currently amended) A method of moderating lower and upper back pain in a patient with abnormal lower or upper back pain; said method comprising:

mounting a non-invasive stimulation device onto the group of stimulation points surrounding K1 and FHA acupuncture points;

generating a stimulation signal; and

stimulating the group of stimulation points surrounding K1 and FHA acupuncture points. wherein the mounting step comprises:

providing a multiple electrode and permanent magnet carrying insole, housed in a shoe-like device, carrying the at least two electrodes and at least two permanent magnets and a circuit for generating the stimulation signal; and

providing securing means for mounting the at least two electrodes and at least two permanent magnets on the said insole near the group of stimulation points surrounding K1 and FHA acupuncture points.

8. (original) The method of claim 7, wherein said delivering step comprises delivering an intermittent stimulation signal.

9. (original) The method of claim 7, wherein said delivering step comprises delivering a continuous stimulation signal.